

Mitigation: Summary of Resources

Michigan Department of Environmental Quality

<http://www.michiganlegislature.org/mileg.asp?page=getObject&objName=mcl-451-1994-III-1-INLAND-WATERS&highlight=>

Wetland Mitigation: 2:1 ratio for forested, coastal, or riparian wetlands; 5:1 for imperiled or rare wetlands; 10:1 for protection of exceptional, rare, and threatened wetlands.

Environmental Protection Agency

<http://www.epa.gov/OWOW/NPS/ordinance/mol1.htm>

Some flexibility on buffer placement when protection of a resource, avoidance of a structure, or recovery of a lot is desirable.

Montgomery County Planning Commission; Norristown, Pennsylvania.

Mitigation Measures to offset Corridor Disturbances

Disturbances can be mitigated by 1) increasing width of zone 1 & 2 of buffer, 2) adding vegetation layers, 3) converting to a more effective landscape.

Pima County Arizona Floodplain and Erosion Hazard Management Ordinance

<http://www.dot.co.pima.az.us/flood/fpm/art10.htm>

Development that would cause a disturbance of a buffer area must include a mitigation plan with specific criteria. Plans evaluated according to how well they avoid, minimize, rectify, reduce, eliminate or compensate for the impact.

Lake County Illinois; Watershed Development Ordinance

<http://www.co.lake.il.us/smc/wdo/wdodoc.pdf>

Hydraulically equivalent compensatory storage required: 1.2 to 1 ration in riverine regulatory flood zones, 1 to 1 in non-riverine regulatory flood zones.

King County, Washington; Environmentally Sensitive Areas

<http://dnr.metrokc.gov/topics/flooding/FLDtopic.htm>

Flood fringe: loss of storage compensated on a 1:1 ratio, may be located off site.

Wetlands: Class 1 and 2 mitigated on a 2:1 ratio, class 3 on a 1:1 ratio

Association of State Floodplain Managers: Mitigation Success Stories: Mariposa County, Arizona

<http://www.floods.org/mssiiimo.htm>

Mitigation within the flood fringe on a 1.5 to 1 ration. No fill in floodway.

US Army Corps of Engineers

<http://www.usace.army.mil/>

Mitigation at a 1:1 ratio for freshwater wetlands, up to 5:1 for Nebraska Eastern Saline

wetlands